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U.S. DEPARTMENT OF LABOR
WORKPLACE STANDARDS ADMINISTRATION
BUREAU OF LABOR STANDARDSFORM NO. OSHA-20 (MODIFIED)
MAY 1971

MDC CONTROL NO. _____

MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 24600 So. Main Street, Wilmington, California 90745		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Turco W. O. #1
CHEMICAL FAMILY	FORMULA	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Phosphoric acid				70	75
Water				10	15
Ethylene glycol monobutyl ether				10	15
Non-ionic wetting agent				1	3

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1)	1.340
VAPOR PRESSURE (mm Hg.) phosphoric acid	0.03mm	PERCENT VOLATILE BY VOLUME (%)	20-30%
VAPOR DENSITY (AIR = 1) Greater than	1	EVAPORATION RATE (butyl acetate) Less than	1
SOLUBILITY IN WATER	complete		
APPEARANCE AND ODOR	Liquid (clear)		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	None	FLAMMABLE LIMITS	LeI unknown	Uel unknown
EXTINGUISHING MEDIA	Carbon dioxide foam			

SPECIAL FIRE FIGHTING PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE

Remove to fresh air

EMERGENCY AND FIRST AID PROCEDURES

Skin: wash with soap and water. Eyes: flush with copious amounts of water, obtain medical attention. Ingestion: do not induce vomiting. give egg or magnesia, obtain medical attention.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid caustic material

HAZARDOUS DECOMPOSITION PRODUCTS

Oxides of phosphorus

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush to sewer with water

WASTE DISPOSAL METHOD

Neutralize and treat for phosphates

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (GENERAL)		OTHER

PROTECTIVE GLOVES

yes

EYE PROTECTION

yes

OTHER PROTECTIVE EQUIPMENT

W

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Corrosive liquid

OTHER PRECAUTIONS

Avoid prolonged contact with skin and eyes

A. E. Zaelke

Chief Technical Service Engineer

7/6/72

PREPARED BY

DATE